**İnönü Üniversitesi**

**Bilgisayar Mühendisliği Bölümü**

**2019 – 2020 Nesneye Yönelik Yazılım Mühendisliği Dersi**

**Proje Analiz Rapor**

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| **Ders Sorumlusu** | **Dr. Öğr. Üyesi Ahmet Arif AYDIN** |
| **Öğrenci(ler)** | **02160001016 / Ayşe ÖZAVCİ** |
| **Proje İsmi** | **Otobüs Bileti Rezervasyon Sistemi** |
| **Aşama Tanımı** | **Uygulama-Kodlama (İmplementation-2)**  **İhtiyaçlar aşamasında belirtilen 4, 5 ve 6 nolu ihtiyaçların gerçekleştirilmesi için yazılan kodları, hangi problemler ile karşılaşıldığını ve çözümlerinizi ifade ediniz.** |
| **AÇIKLAMA** | |
| **İhtiyaçlar aşamasında belirtilen 4. ve 5. ve 6 nolu ihtiyaçların gerçekleştirilmesi için yazılan kodlar ve açıklaması;**  Projemde son 3 aşama olarak şunları belirtmiştim ;   1. Satıcının bilet güncellemesi ve arayüzde gösterilmesi, 2. Satıcının ve müşterinin bilet araması ve arayüzde gösterilmesi, 3. Satıcı ve müşteri için bilet listeleme ve arayüzde gösterilmesi,   **1.maddeden itibaran açıklamalarım aşağıdadır ;**    *MADDE 1* :  Satıcının bilet güncellemesi ve arayüzde gösterilmesi  Müşteri herhangi bir bileti düzenleme yetkisi olmadığından bu işlemi sadece satıcı yapabilir.Satıcının bilet güncellemesi işlemi için saticiBiletDuzenleController sınıfında bilet güncelle metodu yazılmıştır ; Güncelleme işleminde güncellenecek parametreyi satıcı belirleyeceğinden her parametre için ayrı bir if yazılmıştır;    Örneğin 19 numaralı biletin fiyatını 20000 yapmak istedim ;  Bilet Güncelle butonuna bastığımda şu şekilde güncellenir ;    *Veri tabanından da güncellemiş mi diye kontrol ettiğimde bilet fiyatının 120 yerine 20000 olduğu görülür ;*  *MADDE 2* :  Satıcının bilet araması ve arayüzde gösterilmesi,  Satıcı için bilet arama işlemi saticiBiletDuzenleController sınıfında gerçekleşmiştir ve kaynak kodu aşağıdaki gibidir ;  Örneğin 19 numaralı bileti aramak için aranacak bilet id kısmını doldurup, bilet ara butonuma basarsam ,Sonuçlar aşağıdaki gibi karşıma çıkar ;    Müşterinin bilet araması ve arayüzde gösterilmesi  Müşterinin bilet araması için yazılan metot musteriController sınıfındadır ve kod şu şekildedir ;  21 no’lu bileti aramak istiyorsam şu şekilde aranır ;    *MADDE 3*  Satıcının biletlerinin listelenmesi ve arayüzde gösterilmesi    Listeleme işlemi için tableView kullandım, satıcının ve müşterinin biletlerinin listelenmesi için gerekli kodu DAO sınıflarında yaptım .    Örneğin id’si 1 olan satıcının sisteme eklediği biletler şu şekilde gösterilmiştir;    Müşterinin biletlerinin listelenmesi ve arayüzde gösterilmesi  Listeleme işlemi için tableView kullandım, satıcının ve müşterinin biletlerinin listelenmesi için gerekli kodu DAO sınıflarında yaptım . Ayrıca müşteri ve bilet many to many olduğundan 2 fonksiyon yazdım.      Müşterinin aldığı biletler arayüzde şu şekilde gösterilmiştir ;    **HANGİ PROBLEMLERLE KARŞILAŞTIM VE ÇÖZÜMLERİM**   * Bazen tableView de göstermede , eklemede sorunlarlar oluştu. 2. sınıfta FXML ile yaptığım projem olan Duyuru Takip Sisteminden faydalanarak çözmeyi başardım.     Faydalandığım proje linkim : <https://github.com/muhendisaysee/DuyuruTakipSistemi>   * Veri tabanından veri çekmede veya eklemede de sorunlar yaşadım, araştırarak çözmeye çalıştım aşağıdaki kaynaklardan da yararlandım ;   <https://www.youtube.com/watch?v=4ckHJsq_Yiw&list=PL4XQdSx4Y7b7jjHZBO7cqrD71KX6LcMsr&index=9>  <https://www.youtube.com/watch?v=vWp3vOGPm4A&list=PL4XQdSx4Y7b7jjHZBO7cqrD71KX6LcMsr&index=5>   * Geçen dönemki veri tabanı notlarımdan faydalandım. * Bazen tableview de parametrelerin farklı listelendiğini gördüm, veri tabanından veriyi çekerken farklı parametreye farklı değişken atamışım, hatamı düzelttim. (Parametreleri doğru vererek) * Programı yazarken en çok düşündüğüm yer güncelleme işlemi. Eğer parametreleri tek tek alsam kullanıcıya eziyet olacak diye düşündüm ve şöyle düşündüm kullanıcı seçsin neyi güncellemek istiyorsa ;Sadece güncellemek istediği parametreyi alıp , hepsini sormadım.Bu da kullanıcı açısından bir avantaj ;     **KODLARIN TAMAMI**  **OtobusBiletRezevasyonSistemi**  package otobusbiletrezevasyonsistemi**;**  **import** javafx**.**application**.**Application**;**  **import** static javafx**.**application**.**Application**.**launch**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**stage**.**Stage**;**  **import** util**.**DBConnection**;**  /\*\*  \*  \* **@author** hp  \*/  public class OtobusBiletRezevasyonSistemi **extends** Application **{**    @Override  public void start**(**Stage stage**)** **throws** Exception **{**  Parent root **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"LogIn.fxml"**));**    Scene scene **=** **new** Scene**(**root**);**    stage**.**setScene**(**scene**);**  stage**.**show**();**  **}**  /\*\*  \* **@param** args the command line arguments  \*/  public static void main**(**String**[]** args**)** **{**  DBConnection db**=new** DBConnection**();**  db**.**connect**();**  launch**(**args**);**  **}**  **}**  **LogInController**  package otobusbiletrezevasyonsistemi**;**  **import** java**.**io**.**IOException**;**  **import** java**.**net**.**URL**;**  **import** java**.**util**.**ResourceBundle**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javafx**.**event**.**ActionEvent**;**  **import** javafx**.**fxml**.**FXML**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**fxml**.**Initializable**;**  **import** javafx**.**scene**.**Node**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**stage**.**Stage**;**  /\*\*  \* FXML Controller class  \*  \* **@author** hp  \*/  public class LogInController **implements** Initializable **{**  /\*\*  \* Initializes the controller class.  \*/  @Override  public void initialize**(**URL url**,** ResourceBundle rb**)** **{**  // TODO  **}**  @FXML  private void musteriGiris**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"MusteriGiris.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  @FXML  private void saticiGirisi**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"SaticiGiris.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  **}**  **AbstractController**  package otobusbiletrezevasyonsistemi**;**  **import** util**.**DBConnection**;**  /\*\*  \*  \* **@author** hp  \*/  public abstract class AbstractController **{**  saticiDAO saticiDAO**=new** saticiDAO**();**  DBConnection db**=new** DBConnection**();**    **}**  **DBConnection**  package util**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**DriverManager**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javax**.**swing**.**JOptionPane**;**  /\*\*  \*  \* **@author** hp  \*/  public class DBConnection **{**  private final String url**=**"jdbc:postgresql://localhost:5432/OtobusBiletRezervasyonSistemi"**;**  private final String user**=**"postgres"**;**  private final String password**=**"123"**;**    public Connection connect**(){**  Connection con**=null;**  **try{**  con**=**DriverManager**.**getConnection**(**url**,**user**,**password**);**  System**.**out**.**println**(**"Başarıyla bağlandı"**);**    **}catch(**SQLException e**){**  System**.**out**.**println**(**e**.**getMessage**());**  **}**  **return** con**;**  **}**  **}**  **SaticiDAO**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Bilet**;**  **import** entity**.**Satici**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**PreparedStatement**;**  **import** java**.**sql**.**ResultSet**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** util**.**DBConnection**;**  /\*\*  \*  \* **@author** hp  \*/  public class saticiDAO **extends** DBConnection **{**  private DBConnection connector**;**  private Connection connection**;**  static Satici aktifSatici**=new** Satici**();**  //SaticiGirisController giris=new SaticiGirisController();      public void biletleriGoster**()** **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  SaticiController saticiController**=new** SaticiController**();**  SaticiBiletDuzenleController saticiBiletDuzenleController**=new** SaticiBiletDuzenleController**();**  **try{**  Statement st**=**c**.**createStatement**();**  ResultSet rs**=**st**.**executeQuery**(**"select \* from bilet where satici\_id="**+**aktifSatici**.**getSatici\_id**());**    **while(**rs**.**next**()){**    Bilet bilet**=new** Bilet**(**rs**.**getInt**(**"bilet\_id"**),**  rs**.**getString**(**"kalkis\_tarihi"**),**  rs**.**getString**(**"varis\_tarihi"**),**  rs**.**getString**(**"kalkis\_yeri"**),**  rs**.**getString**(**"varis\_yeri"**),**  rs**.**getString**(**"bilet\_fiyat"**),**  rs**.**getString**(**"kalkis\_saati"**),**  rs**.**getInt**(**"satici\_id"**));**  saticiController**.**biletListele**.**add**(**bilet**);**  saticiBiletDuzenleController**.**biletListele**.**add**(**bilet**);**    **}**  **}catch(**SQLException e**){**  e**.**getMessage**();**  **}**    **}**  public DBConnection getConnector**()** **{**  **if** **(this.**connector **==** **null)** **{**  **this.**connector **=** **new** DBConnection**();**  **}**  **return** connector**;**  **}**  public Connection getConnection**()** **{**  **if** **(this.**connection **==** **null)** **{**  **this.**connection **=** **this.**getConnector**().**connect**();**  **}**  **return** connection**;**  **}**  **}**  **SaticiGirisController**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Satici**;**  **import** java**.**io**.**IOException**;**  **import** java**.**net**.**URL**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**ResultSet**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** java**.**util**.**ResourceBundle**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javafx**.**event**.**ActionEvent**;**  **import** javafx**.**fxml**.**FXML**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**fxml**.**Initializable**;**  **import** javafx**.**scene**.**Node**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**scene**.**control**.**PasswordField**;**  **import** javafx**.**scene**.**control**.**TextField**;**  **import** javafx**.**stage**.**Stage**;**  **import** javax**.**swing**.**JOptionPane**;**  **import** javax**.**xml**.**bind**.**annotation**.**XmlElement**;**  **import** util**.**DBConnection**;**  /\*\*  \* FXML Controller class  \*  \* **@author** hp  \*/  public class SaticiGirisController **extends** DBConnection **implements** Initializable **{**  @FXML  public PasswordField telefon**;**  @FXML  public PasswordField kullaniciSifre**;**  SaticiController saticiController **=** **new** SaticiController**();**  SaticiBiletDuzenleController saticiBiletDuzenleController **=** **new** SaticiBiletDuzenleController**();**  saticiDAO saticiDAO **=** **new** saticiDAO**();**  @FXML  public void SaticigirisKontrol**(**ActionEvent a**)** **throws** SQLException **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  boolean girisKontrol **=** **false;**  **try** **{**  Statement st **=** c**.**createStatement**();**  ResultSet rs **=** st**.**executeQuery**(**"select \* from satici"**);**  **while** **(**rs**.**next**())** **{**  // Satici satici=new Satici(rs.getLong("satici\_id"), rs.getString("satici\_adi"), rs.getString("satici\_soyadi"), rs.getString("satici\_tel"), rs.getString("satici\_adres"), rs.getString("sifre"));  //Satici satici=new Satici();  Satici satici **=** **new** Satici**(**rs**.**getInt**(**"satici\_id"**),** rs**.**getString**(**"satici\_adi\_soyadi"**),** rs**.**getString**(**"satici\_tel"**),** rs**.**getString**(**"satici\_adres"**),** rs**.**getString**(**"satici\_sifre"**));**  satici**.**setSatici\_id**(**rs**.**getInt**(**"satici\_id"**));**  satici**.**setSatici\_adi\_soyadi**(**rs**.**getString**(**"satici\_adi\_soyadi"**));**  satici**.**setSatici\_adres**(**rs**.**getString**(**"satici\_adres"**));**  satici**.**setSatici\_tel**(**rs**.**getString**(**"satici\_tel"**));**  satici**.**setSatici\_sifre**(**rs**.**getString**(**"satici\_sifre"**));**  **if** **(**telefon**.**getText**().**equals**(**rs**.**getString**(**"satici\_tel"**))**  **&&** kullaniciSifre**.**getText**().**equals**(**rs**.**getString**(**"satici\_sifre"**)))** **{**  System**.**out**.**println**(**"Sisteme giren kullanıcı : " **+** rs**.**getString**(**"satici\_adi\_soyadi"**));**  //deneme.giris(satici);  saticiController**.**aktifSatici **=** satici**;**  saticiBiletDuzenleController**.**aktifSatici **=** satici**;**  saticiDAO**.**aktifSatici **=** satici**;**  girisKontrol **=** **true;**  giris**(**a**);**  **}**  **}**  **if** **(**girisKontrol **==** **false)** **{**  JOptionPane**.**showMessageDialog**(null,** "Hatali sifre veya kullanici adi !"  **+** " YENİDEN DENEYİNİZ!!"**);**  **}**  **}** **catch** **(**SQLException ex**)** **{**  System**.**err**.**println**(**"Hata"**);**  **}**  **}**  @Override  public void initialize**(**URL url**,** ResourceBundle rb**)** **{**  // TODO  **}**  @FXML  private void giris**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"satici.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  @FXML  private void cikis**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"LogIn.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  **}**    **SaticiController**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Bilet**;**  **import** entity**.**Satici**;**  **import** java**.**io**.**IOException**;**  **import** java**.**net**.**URL**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**ResultSet**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** java**.**util**.**ArrayList**;**  **import** java**.**util**.**List**;**  **import** java**.**util**.**ResourceBundle**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javafx**.**event**.**ActionEvent**;**  **import** javafx**.**fxml**.**FXML**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**fxml**.**Initializable**;**  **import** javafx**.**scene**.**Node**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**scene**.**control**.**Label**;**  **import** javafx**.**scene**.**control**.**TableColumn**;**  **import** javafx**.**scene**.**control**.**TableView**;**  **import** javafx**.**scene**.**control**.**cell**.**PropertyValueFactory**;**  **import** javafx**.**scene**.**text**.**Text**;**  **import** javafx**.**stage**.**Stage**;**  **import** util**.**DBConnection**;**  /\*\*  \* FXML Controller class  \*  \* **@author** hp  \*/  public class SaticiController **extends** AbstractController **implements** Initializable **{**  /\*\*  \* Initializes the controller class.  \*/      static Satici aktifSatici**=new** Satici**();**  @FXML  private TableView**<**Bilet**>** biletTableView**;**  @FXML  private TableColumn**<**Bilet**,** Long**>** bilet\_idColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** Integer**>** fiyatColumn**;**  @FXML  private TableColumn**<**Bilet**,** Integer**>** saticiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkis\_saatiColumn**;**  @FXML  private Label isim**;**    public static List**<**Bilet**>** biletListele **=** **new** ArrayList**();** //Okunan kitap bilgilerini tutan dizi    public void initialize**(**URL url**,** ResourceBundle rb**)** **{**  // TODO  isim**.**setText**(**aktifSatici**.**getSatici\_adi\_soyadi**());**  biletListele**.**removeAll**(**biletListele**);**  saticiDAO**.**biletleriGoster**();**  // akademisyenTableView.getItems().setAll(akademisyenDuyuru);  biletTableView**.**getItems**().**setAll**(**biletListele**);**  System**.**err**.**println**(**"Satici isim : "**+**aktifSatici**.**getSatici\_adi\_soyadi**());**  // System.out.println("isim : "+biletListele.get(7).getSatici().getSatici\_adi\_soyadi());  //tableView.getItems().setAll(duyuruListele); //Tabloda göster  bilet\_idColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Long**>(**"bilet\_id"**));**  kalkisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_yeri"**));**  varisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_yeri"**));**  varisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_tarihi"**));**  kalkisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_tarihi"**));**  fiyatColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Integer**>(**"bilet\_fiyat"**));**  kalkis\_saatiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_saati"**));**  saticiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Integer**>(**"satici\_id"**));**  **}**  @FXML  private void cikis**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"LogIn.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**SaticiController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  @FXML  private void BiletDuzenle**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"SaticiBiletDuzenle.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**SaticiController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  **}**  **SaticiBiletDuzenleControler**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Bilet**;**  **import** entity**.**Satici**;**  **import** java**.**io**.**IOException**;**  **import** java**.**net**.**URL**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**ResultSet**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** java**.**util**.**ArrayList**;**  **import** java**.**util**.**List**;**  **import** java**.**util**.**ResourceBundle**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javafx**.**collections**.**ObservableList**;**  **import** javafx**.**event**.**ActionEvent**;**  **import** javafx**.**fxml**.**FXML**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**fxml**.**Initializable**;**  **import** javafx**.**scene**.**Node**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**scene**.**control**.**ComboBox**;**  **import** javafx**.**scene**.**control**.**DatePicker**;**  **import** javafx**.**scene**.**control**.**SelectionMode**;**  **import** javafx**.**scene**.**control**.**TableColumn**;**  **import** javafx**.**scene**.**control**.**TableView**;**  **import** javafx**.**scene**.**control**.**TextField**;**  **import** javafx**.**scene**.**control**.**cell**.**PropertyValueFactory**;**  **import** javafx**.**stage**.**Stage**;**  **import** javax**.**swing**.**JOptionPane**;**  **import** static otobusbiletrezevasyonsistemi**.**SaticiController**.**aktifSatici**;**  **import** sun**.**security**.**rsa**.**RSACore**;**  **import** util**.**DBConnection**;**  /\*\*  \* FXML Controller class  \*  \* **@author** hp  \*/  public class SaticiBiletDuzenleController **extends** DBConnection **implements** Initializable **{**  /\*\*  \* Initializes the controller class.  \*/  public static List**<**Bilet**>** biletListele **=** **new** ArrayList**();**  public static List**<**Bilet**>** arananBilet **=** **new** ArrayList**();**    saticiDAO saticiDAO **=** **new** saticiDAO**();**  static Satici aktifSatici **=** **new** Satici**();**  @FXML  private TableView**<**Bilet**>** biletTableView**;**  @FXML  private TableColumn**<**Bilet**,** Long**>** bilet\_idColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** fiyatColumn**;**  @FXML  private TableColumn**<**Bilet**,** Integer**>** saticiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkis\_saatiColumn**;**  @FXML  public ComboBox**<**String**>** guncellenecek **=** **new** ComboBox**();**  @FXML  public TextField varis\_yeri**;**  @FXML  public TextField kalkis\_yeri**;**  @FXML  public DatePicker varis\_tarihi**;**  @FXML  public DatePicker kalkis\_tarihi**;**  @FXML  public TextField fiyati**;**  @FXML  public TextField kalkis\_saati**;**  @FXML  public TextField guncelDeger**;**  @FXML  public TextField aranacakBilet\_id**;**  @FXML  private TableView**<**Bilet**>** arananBiletTableView**;**  @FXML  private TableColumn**<**Bilet**,** Long**>** arananBilet\_idColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananKalkisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananVarisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananBiletFiyatColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananVarisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananKalkisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananKalkis\_saatiColumn**;**  @FXML  public void biletEkle**()** **{**  String kalkisTarihiText **=** kalkis\_tarihi**.**getValue**().**toString**();**  String varisTarihiText **=** varis\_tarihi**.**getValue**().**toString**();**  String kalkisYeriText **=** kalkis\_yeri**.**getText**();**  String varisYeriText **=** varis\_yeri**.**getText**();**  String fiyatText **=** fiyati**.**getText**();**  String kalkisSaatiText **=** kalkis\_saati**.**getText**();**  Integer saticiIdText **=** aktifSatici**.**getSatici\_id**();**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"insert into bilet(kalkis\_tarihi,varis\_tarihi,kalkis\_yeri,"  **+** "varis\_yeri,bilet\_fiyat,kalkis\_saati,satici\_id)"  **+** "values('" **+** kalkisTarihiText **+** "','" **+** varisTarihiText **+** "','" **+**  kalkisYeriText **+** "','" **+** varisYeriText **+** "','" **+** fiyatText **+** "','" **+**  kalkisSaatiText **+** "','" **+** saticiIdText **+** "')"**);**  **}** **catch** **(**SQLException exception**)** **{**  exception**.**getMessage**();**  **}**  **}**  @FXML  public void biletSil**()** **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  ObservableList**<**Bilet**>** selectedRows**,** allbilet**;**  allbilet **=** biletTableView**.**getItems**();**  selectedRows **=** biletTableView**.**getSelectionModel**().**getSelectedItems**();**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  allbilet**.**remove**(**bilet**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"delete from bilet where bilet\_id="  **+** bilet**.**getBilet\_id**());**  st**.**executeUpdate**(**"delete from musteri\_bilet where bilet\_id=" **+** bilet**.**getBilet\_id**());**  **}** **catch** **(**SQLException exception**)** **{**  exception**.**getMessage**();**  **}**  **}**  **}**  @FXML  public void biletGuncelle**()** **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  ObservableList**<**Bilet**>** selectedRows**,** allbilet**;**  allbilet **=** biletTableView**.**getItems**();**  selectedRows **=** biletTableView**.**getSelectionModel**().**getSelectedItems**();**  String guncelDegerText **=** guncelDeger**.**getText**();**  **if** **(**guncellenecek**.**getValue**().**equals**(**"Kalkış Tarihi"**))** **{**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  guncellenecek**.**setValue**(**"Kalkış Tarihi"**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"update bilet set kalkis\_tarihi='" **+** guncelDegerText **+** "' where bilet\_id=" **+** bilet**.**getBilet\_id**());**  **}** **catch** **(**SQLException e**)** **{**  e**.**getMessage**();**  **}**  **}**  **}** **else** **if** **(**guncellenecek**.**getValue**().**equals**(**"Varış Tarihi"**))** **{**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  guncellenecek**.**setValue**(**"Varış Tarihi"**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"update bilet set varis\_tarihi='" **+** guncelDegerText **+** "' where bilet\_id=" **+** bilet**.**getBilet\_id**());**  **}** **catch** **(**SQLException e**)** **{**  e**.**getMessage**();**  **}**  **}**  **}** **else** **if** **(**guncellenecek**.**getValue**().**equals**(**"Kalkış Yeri"**))** **{**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  guncellenecek**.**setValue**(**"Kalkış Yeri"**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"update bilet set kalkis\_yeri='" **+** guncelDegerText **+** "' where bilet\_id=" **+** bilet**.**getBilet\_id**());**  **}** **catch** **(**SQLException e**)** **{**  e**.**getMessage**();**  **}**  **}**  **}** **else** **if** **(**guncellenecek**.**getValue**().**equals**(**"Varış Yeri"**))** **{**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  guncellenecek**.**setValue**(**"Varış Yeri"**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"update bilet set varis\_yeri='" **+** guncelDegerText **+** "' where bilet\_id=" **+** bilet**.**getBilet\_id**());**  **}** **catch** **(**SQLException e**)** **{**  e**.**getMessage**();**  **}**  **}**  **}** **else** **if** **(**guncellenecek**.**getValue**().**equals**(**"Kalkış Saati"**))** **{**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  guncellenecek**.**setValue**(**"Kalkış Saati"**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"update bilet set kalkis\_saati='" **+** guncelDegerText **+** "' where bilet\_id=" **+** bilet**.**getBilet\_id**());**  **}** **catch** **(**SQLException e**)** **{**  e**.**getMessage**();**  **}**  **}**  **}** **else** **if** **(**guncellenecek**.**getValue**().**equals**(**"Bilet Fiyatı"**))** **{**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  guncellenecek**.**setValue**(**"Bilet Fiyatı"**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"update bilet set bilet\_fiyat='" **+** guncelDegerText **+** "' where bilet\_id=" **+** bilet**.**getBilet\_id**());**  **}** **catch** **(**SQLException e**)** **{**  e**.**getMessage**();**  **}**  **}**  **}**  biletListele**.**removeAll**(**biletListele**);**  saticiDAO**.**biletleriGoster**();**  biletTableView**.**getItems**().**setAll**(**biletListele**);**  **}**  @FXML  public void biletAra**()** **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**    String aranacakBilet\_idText**;**  aranacakBilet\_idText **=** aranacakBilet\_id**.**getText**();**  boolean kontrol**=false;**  **try{**  Statement st**=**c**.**createStatement**();**  ResultSet rs**=**st**.**executeQuery**(**"select \* from bilet where bilet\_id='"**+**Integer**.**valueOf**(**aranacakBilet\_idText**)+**  "' and satici\_id='"**+**aktifSatici**.**getSatici\_id**()+**"'"**);**  **while(**rs**.**next**()){**  Bilet bilet **=** **new** Bilet**(**Integer**.**valueOf**(**aranacakBilet\_idText**),**  rs**.**getString**(**"kalkis\_tarihi"**),** rs**.**getString**(**"varis\_tarihi"**),**  rs**.**getString**(**"kalkis\_yeri"**),** rs**.**getString**(**"varis\_yeri"**),**  rs**.**getString**(**"kalkis\_saati"**),** rs**.**getString**(**"bilet\_fiyat"**),**  aktifSatici**.**getSatici\_id**());**  arananBilet**.**add**(**bilet**);**  arananBiletTableView**.**getItems**().**setAll**(**arananBilet**);**  arananBilet**.**removeAll**(**arananBilet**);**  kontrol**=true;**  **}**    **}catch(**SQLException e**){**  System**.**out**.**println**(**e**.**getMessage**());**  **}**  **if(**kontrol**==false){**  JOptionPane**.**showMessageDialog**(null,** " BİLET BULUNAMADI ! "**);**  **}**  **}**  @Override  public void initialize**(**URL url**,** ResourceBundle rb**)** **{**  guncellenecek**.**getItems**().**add**(**"Kalkış Tarihi"**);**  guncellenecek**.**getItems**().**add**(**"Varış Tarihi"**);**  guncellenecek**.**getItems**().**add**(**"Kalkış Yeri"**);**  guncellenecek**.**getItems**().**add**(**"Varış Yeri"**);**  guncellenecek**.**getItems**().**add**(**"Kalkış Saati"**);**  guncellenecek**.**getItems**().**add**(**"Bilet Fiyatı"**);**  biletListele**.**removeAll**(**biletListele**);**  saticiDAO**.**biletleriGoster**();**  biletTableView**.**getItems**().**setAll**(**biletListele**);**    arananBiletTableView**.**getItems**().**setAll**(**arananBilet**);**    bilet\_idColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Long**>(**"bilet\_id"**));**  kalkisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_yeri"**));**  varisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_yeri"**));**  varisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_tarihi"**));**  kalkisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_tarihi"**));**  fiyatColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"bilet\_fiyat"**));**  kalkis\_saatiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_saati"**));**  saticiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Integer**>(**"satici\_id"**));**    arananBilet\_idColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Long**>(**"bilet\_id"**));**  arananKalkisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_yeri"**));**  arananVarisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_yeri"**));**  arananVarisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_tarihi"**));**  arananKalkisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_tarihi"**));**  arananBiletFiyatColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"bilet\_fiyat"**));**  arananKalkis\_saatiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_saati"**));**  **}**    @FXML  private void geri**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"satici.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**SaticiBiletDuzenleController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  @FXML  private void cikis**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"LogIn.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**SaticiBiletDuzenleController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  **}**  **MusteriDAO**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Bilet**;**  **import** entity**.**Musteri**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**ResultSet**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** static otobusbiletrezevasyonsistemi**.**saticiDAO**.**aktifSatici**;**  **import** util**.**DBConnection**;**  /\*\*  \*  \* **@author** hp  \*/  public class musteriDAO **{**    static Musteri aktifMusteri**=new** Musteri**();**  private DBConnection connector**;**  private Connection connection**;**    public void biletleriGoster**()** **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**    **try{**  Statement st**=**c**.**createStatement**();**  ResultSet rs**=**st**.**executeQuery**(**"select bilet\_id from musteri\_bilet"**);**    **while(**rs**.**next**()){**  System**.**out**.**println**(**"BİLET\_İD : "**+**rs**.**getInt**(**"bilet\_id"**));**  bilet\_bul**(**rs**.**getInt**(**"bilet\_id"**));**        **}**  **}catch(**SQLException e**){**  e**.**getMessage**();**  **}**    **}**  public void bilet\_bul**(**int bilet\_id**){**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  **try{**  Statement st**=**c**.**createStatement**();**  ResultSet rs**=**st**.**executeQuery**(**"select \* from bilet where bilet\_id="**+**bilet\_id**);**  **while** **(**rs**.**next**())** **{**    Bilet bilet**=new** Bilet**(**rs**.**getInt**(**"bilet\_id"**),** rs**.**getString**(**"kalkis\_tarihi"**),**  rs**.**getString**(**"varis\_tarihi"**),** rs**.**getString**(**"kalkis\_yeri"**),**  rs**.**getString**(**"varis\_yeri"**),** rs**.**getString**(**"bilet\_fiyat"**),**  rs**.**getString**(**"kalkis\_saati"**),**  rs**.**getInt**(**"satici\_id"**));**    MusteriController**.**alinanBiletler**.**add**(**bilet**);**  MusteriBiletDuzenleController**.**alinanBiletler**.**add**(**bilet**);**  **}**      **}catch(**SQLException e**){**  System**.**out**.**println**(**e**.**getMessage**());**  **}**    **}**  public void tumBiletleriGoster**()** **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  SaticiController saticiController**=new** SaticiController**();**  SaticiBiletDuzenleController saticiBiletDuzenleController**=new** SaticiBiletDuzenleController**();**  **try{**  Statement st**=**c**.**createStatement**();**  ResultSet rs**=**st**.**executeQuery**(**"select \* from bilet"**);**    **while(**rs**.**next**()){**    Bilet bilet**=new** Bilet**(**rs**.**getInt**(**"bilet\_id"**),** rs**.**getString**(**"kalkis\_tarihi"**),** rs**.**getString**(**"varis\_tarihi"**),** rs**.**getString**(**"kalkis\_yeri"**),** rs**.**getString**(**"varis\_yeri"**),** rs**.**getString**(**"bilet\_fiyat"**),**rs**.**getString**(**"kalkis\_saati"**),** rs**.**getInt**(**"satici\_id"**));**  MusteriController**.**biletListele**.**add**(**bilet**);**    **}**  **}catch(**SQLException e**){**  e**.**getMessage**();**  **}**    **}**    public DBConnection getConnector**()** **{**  **if** **(this.**connector **==** **null)** **{**  **this.**connector **=** **new** DBConnection**();**  **}**  **return** connector**;**  **}**  public Connection getConnection**()** **{**  **if** **(this.**connection **==** **null)** **{**  **this.**connection **=** **this.**getConnector**().**connect**();**  **}**  **return** connection**;**  **}**  **}**  **MusteriGirisController**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Bilet**;**  **import** entity**.**Musteri**;**  **import** entity**.**Satici**;**  **import** java**.**io**.**IOException**;**  **import** java**.**net**.**URL**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**PreparedStatement**;**  **import** java**.**sql**.**ResultSet**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** java**.**util**.**ResourceBundle**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javafx**.**event**.**ActionEvent**;**  **import** javafx**.**fxml**.**FXML**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**fxml**.**Initializable**;**  **import** javafx**.**scene**.**Node**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**scene**.**control**.**PasswordField**;**  **import** javafx**.**scene**.**control**.**TextField**;**  **import** javafx**.**stage**.**Stage**;**  **import** javax**.**swing**.**JOptionPane**;**  **import** util**.**DBConnection**;**  /\*\*  \* FXML Controller class  \*  \* **@author** hp  \*/  public class MusteriGirisController **extends** DBConnection **implements** Initializable **{**  @FXML  public PasswordField telefon**;**  @FXML  public PasswordField kullaniciSifre**;**  musteriDAO musteriDAO **=** **new** musteriDAO**();**  MusteriBiletDuzenleController musteriBiletDuzenleController **=** **new** MusteriBiletDuzenleController**();**  MusteriController musteriController **=** **new** MusteriController**();**  @FXML  public void MusterigirisKontrol**(**ActionEvent a**)** **throws** SQLException **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  boolean girisKontrol **=** **false;**  **try** **{**  Statement st **=** c**.**createStatement**();**  ResultSet rs **=** st**.**executeQuery**(**"select \* from musteri"**);**  **while** **(**rs**.**next**())** **{**  Musteri musteri **=** **new** Musteri**(**rs**.**getInt**(**"musteri\_id"**),** rs**.**getString**(**"musteri\_adi\_soyadi"**),** rs**.**getString**(**"musteri\_tel"**),** rs**.**getString**(**"musteri\_adres"**),** rs**.**getString**(**"musteri\_sifre"**));**  musteri**.**setMusteri\_id**(**rs**.**getInt**(**"musteri\_id"**));**  musteri**.**setMusteri\_adi\_soyadi**(**rs**.**getString**(**"musteri\_adi\_soyadi"**));**  musteri**.**setMusteri\_adres**(**rs**.**getString**(**"musteri\_adres"**));**  musteri**.**setMusteri\_tel**(**rs**.**getString**(**"musteri\_tel"**));**  musteri**.**setMusteri\_sifre**(**rs**.**getString**(**"musteri\_sifre"**));**  **if** **(**telefon**.**getText**().**equals**(**rs**.**getString**(**"musteri\_tel"**))**  **&&** kullaniciSifre**.**getText**().**equals**(**rs**.**getString**(**"musteri\_sifre"**)))** **{**  musteriDAO**.**aktifMusteri **=** musteri**;**  musteriBiletDuzenleController**.**aktifMusteri **=** musteri**;**  musteriController**.**aktifMusteri **=** musteri**;**  girisKontrol **=** **true;**  giris**(**a**);**  **}**  **}**  **if** **(**girisKontrol **==** **false)** **{**  JOptionPane**.**showMessageDialog**(null,** "Hatali sifre veya kullanici adi !"  **+** " YENİDEN DENEYİNİZ!!"**);**  **}**  **}** **catch** **(**SQLException ex**)** **{**  System**.**err**.**println**(**"Hata"**);**  **}**  **}**  @FXML  private void giris**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"musteri.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  @FXML  private void cikis**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"LogIn.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  @Override  public void initialize**(**URL url**,** ResourceBundle rb**)** **{**  // TODO  **}**  **}**  **MusteriController**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Bilet**;**  **import** entity**.**Musteri**;**  **import** java**.**io**.**IOException**;**  **import** java**.**net**.**URL**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**ResultSet**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** java**.**util**.**ArrayList**;**  **import** java**.**util**.**List**;**  **import** java**.**util**.**ResourceBundle**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javafx**.**event**.**ActionEvent**;**  **import** javafx**.**fxml**.**FXML**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**fxml**.**Initializable**;**  **import** javafx**.**scene**.**Node**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**scene**.**control**.**Label**;**  **import** javafx**.**scene**.**control**.**TableColumn**;**  **import** javafx**.**scene**.**control**.**TableView**;**  **import** javafx**.**scene**.**control**.**TextField**;**  **import** javafx**.**scene**.**control**.**cell**.**PropertyValueFactory**;**  **import** javafx**.**stage**.**Stage**;**  **import** javax**.**swing**.**JOptionPane**;**  **import** static otobusbiletrezevasyonsistemi**.**SaticiBiletDuzenleController**.**aktifSatici**;**  **import** static otobusbiletrezevasyonsistemi**.**SaticiBiletDuzenleController**.**arananBilet**;**  **import** static otobusbiletrezevasyonsistemi**.**SaticiController**.**biletListele**;**  **import** sun**.**security**.**rsa**.**RSACore**;**  **import** util**.**DBConnection**;**  /\*\*  \* FXML Controller class  \*  \* **@author** hp  \*/  public class MusteriController **extends** musteriAbstractController **implements** Initializable **{**  /\*\*  \* Initializes the controller class.  \*/  static Musteri aktifMusteri **=** **new** Musteri**();**  musteriDAO musteriDAO**=new** musteriDAO**();**  MusteriBiletDuzenleController musteriBiletDuzenleController**=new** MusteriBiletDuzenleController**();**    @FXML  private Label isim**;**  @FXML  private TableView**<**Bilet**>** biletTableView**;**  @FXML  private TableColumn**<**Bilet**,** Long**>** bilet\_idColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** Integer**>** fiyatColumn**;**  @FXML  private TableColumn**<**Bilet**,** Integer**>** saticiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkis\_saatiColumn**;**    @FXML  public TextField aranacakBilet\_id**;**  @FXML  private TableView**<**Bilet**>** arananBiletTableView**;**  @FXML  private TableColumn**<**Bilet**,** Long**>** arananBilet\_idColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananKalkisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananVarisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananBiletFiyatColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananVarisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananKalkisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananKalkis\_saatiColumn**;**    public static List**<**Bilet**>** arananBilet **=** **new** ArrayList**();**  public static List**<**Bilet**>** biletListele **=** **new** ArrayList**();** //Okunan kitap bilgilerini tutan dizi  public static List**<**Bilet**>** alinanBiletler **=** **new** ArrayList**();**  @FXML  private TextField biletNo**;**  @FXML  private TextField secilenKoltuk**;**    @FXML  public void biletAl**(){**  DBConnection db**=new** DBConnection**();**  Connection c**=**db**.**connect**();**  String biletNoText**=**biletNo**.**getText**();**  String secilenKoltukText**=**secilenKoltuk**.**getText**();**  **try{**    Statement st**=**c**.**createStatement**();**  ResultSet rs**=**st**.**executeQuery**(**"select \* from bilet where bilet\_id="**+**Integer**.**valueOf**(**biletNoText**));**    **while** **(**rs**.**next**())** **{**    Bilet bilet **=** **new** Bilet**(**Integer**.**valueOf**(**biletNoText**),** rs**.**getString**(**"kalkis\_tarihi"**),**  rs**.**getString**(**"varis\_tarihi"**),** rs**.**getString**(**"kalkis\_yeri"**),** rs**.**getString**(**"varis\_yeri"**),**  rs**.**getString**(**"kalkis\_saati"**),** rs**.**getString**(**"bilet\_fiyat"**),** rs**.**getInt**(**"satici\_id"**));**  st**.**executeUpdate**(**"insert into musteri\_bilet(musteri\_id,"  **+** "bilet\_id,koltuk\_num) values('"**+**aktifMusteri**.**getMusteri\_id**()**  **+**"','"**+**Integer**.**valueOf**(**biletNoText**)+**"','"**+**Integer**.**valueOf**(**secilenKoltukText**)+**"')"**);**  musteriDAO**.**biletleriGoster**();**  alinanBiletler**.**add**(**bilet**);**  musteriBiletDuzenleController**.**alinanBiletler**.**add**(**bilet**);**  **}**  **}catch(**SQLException e**){**  e**.**getMessage**();**  **}**  **}**  @FXML  public void biletAra**()** **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**    String aranacakBilet\_idText**;**  aranacakBilet\_idText **=** aranacakBilet\_id**.**getText**();**  int bilet\_id**=**Integer**.**valueOf**(**aranacakBilet\_idText**);**  boolean kontrol**=false;**  **try{**  Statement st**=**c**.**createStatement**();**  ResultSet rs**=**st**.**executeQuery**(**"select \* from bilet where bilet\_id="**+**bilet\_id**);**  System**.**out**.**println**(**"BURAYA GELDİN Mİ?"**);**  **while(**rs**.**next**()){**  Bilet bilet **=** **new** Bilet**(**bilet\_id**,**  rs**.**getString**(**"kalkis\_tarihi"**),** rs**.**getString**(**"varis\_tarihi"**),**  rs**.**getString**(**"kalkis\_yeri"**),** rs**.**getString**(**"varis\_yeri"**),**  rs**.**getString**(**"kalkis\_saati"**),** rs**.**getString**(**"bilet\_fiyat"**),**  rs**.**getInt**(**"satici\_id"**));**  arananBilet**.**add**(**bilet**);**  arananBiletTableView**.**getItems**().**setAll**(**arananBilet**);**  kontrol**=true;**  **}**  **}catch(**SQLException e**){**  System**.**out**.**println**(**e**.**getMessage**());**  **}**  **if(**kontrol**==false){**  JOptionPane**.**showMessageDialog**(null,** " BİLET BULUNAMADI ! "**);**  **}**  **}**    @Override  public void initialize**(**URL url**,** ResourceBundle rb**)** **{**  // TODO  isim**.**setText**(**aktifMusteri**.**getMusteri\_adi\_soyadi**());**  biletListele**.**removeAll**(**biletListele**);**  musteriDAO**.**tumBiletleriGoster**();**  // akademisyenTableView.getItems().setAll(akademisyenDuyuru);  biletTableView**.**getItems**().**setAll**(**biletListele**);**  arananBiletTableView**.**getItems**().**setAll**(**arananBilet**);**    bilet\_idColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Long**>(**"bilet\_id"**));**  kalkisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_yeri"**));**  varisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_yeri"**));**  varisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_tarihi"**));**  kalkisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_tarihi"**));**  fiyatColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Integer**>(**"bilet\_fiyat"**));**  kalkis\_saatiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_saati"**));**  saticiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Integer**>(**"satici\_id"**));**      arananBilet\_idColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Long**>(**"bilet\_id"**));**  arananKalkisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_yeri"**));**  arananVarisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_yeri"**));**  arananVarisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_tarihi"**));**  arananKalkisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_tarihi"**));**  arananBiletFiyatColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"bilet\_fiyat"**));**  arananKalkis\_saatiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_saati"**));**    **}**      @FXML  private void cikis**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"LogIn.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  @FXML  private void biletlerim**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"MusteriBiletDuzenle.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  **}**  **MusteriBiletDuzenleController**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Bilet**;**  **import** entity**.**Musteri**;**  **import** java**.**io**.**IOException**;**  **import** java**.**net**.**URL**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** java**.**util**.**ArrayList**;**  **import** java**.**util**.**List**;**  **import** java**.**util**.**ResourceBundle**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javafx**.**collections**.**ObservableList**;**  **import** javafx**.**event**.**ActionEvent**;**  **import** javafx**.**fxml**.**FXML**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**fxml**.**Initializable**;**  **import** javafx**.**scene**.**Node**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**scene**.**control**.**TableColumn**;**  **import** javafx**.**scene**.**control**.**TableView**;**  **import** javafx**.**scene**.**control**.**cell**.**PropertyValueFactory**;**  **import** javafx**.**stage**.**Stage**;**  **import** static otobusbiletrezevasyonsistemi**.**MusteriController**.**biletListele**;**  **import** static otobusbiletrezevasyonsistemi**.**SaticiBiletDuzenleController**.**biletListele**;**  **import** util**.**DBConnection**;**  /\*\*  \* FXML Controller class  \*  \* **@author** hp  \*/  public class MusteriBiletDuzenleController **implements** Initializable **{**  /\*\*  \* Initializes the controller class.  \*/    static Musteri aktifMusteri**=new** Musteri**();**  public static List**<**Bilet**>** alinanBiletler **=** **new** ArrayList**();**  musteriDAO musteriDAO**=new** musteriDAO**();**  @FXML  private TableView**<**Bilet**>** biletTableView**;**  @FXML  private TableColumn**<**Bilet**,** Long**>** bilet\_idColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** Integer**>** fiyatColumn**;**  @FXML  private TableColumn**<**Bilet**,** Integer**>** saticiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkis\_saatiColumn**;**    @FXML  public void biletSil**(){**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  ObservableList**<**Bilet**>** selectedRows**,** allbilet**;**  allbilet **=** biletTableView**.**getItems**();**  selectedRows **=** biletTableView**.**getSelectionModel**().**getSelectedItems**();**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  allbilet**.**remove**(**bilet**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"delete from musteri\_bilet where bilet\_id="  **+** bilet**.**getBilet\_id**());**  alinanBiletler**.**remove**(**bilet**);**  **}** **catch** **(**SQLException exception**)** **{**  exception**.**getMessage**();**  **}**  **}**    **}**  @Override  public void initialize**(**URL url**,** ResourceBundle rb**)** **{**  // TODO      alinanBiletler**.**removeAll**(**alinanBiletler**);**  musteriDAO**.**biletleriGoster**();**  biletTableView**.**getItems**().**setAll**(**alinanBiletler**);**    bilet\_idColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Long**>(**"bilet\_id"**));**  kalkisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_yeri"**));**  varisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_yeri"**));**  varisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_tarihi"**));**  kalkisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_tarihi"**));**  fiyatColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Integer**>(**"bilet\_fiyat"**));**  kalkis\_saatiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_saati"**));**  saticiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Integer**>(**"satici\_id"**));**  **}**    @FXML  private void geri**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"musteri.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**    @FXML  private void cikis**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"LogIn.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  **}**  **Bilet.java**  package entity**;**  **import** java**.**util**.**List**;**  **import** java**.**util**.**logging**.**Logger**;**  /\*\*  \*  \* **@author** hp  \*/  public class Bilet **{**  private int bilet\_id**;**  private String kalkis\_tarihi**;**  private String varis\_tarihi**;**  private String kalkis\_yeri**;**  private String varis\_yeri**;**  private String bilet\_fiyat**;**  private String kalkis\_saati**;**  private int satici\_id**;**  public Bilet**()** **{**  **}**  public Bilet**(**int bilet\_id**,** String kalkis\_tarihi**,** String varis\_tarihi**,** String kalkis\_yeri**,** String varis\_yeri**,** String bilet\_fiyat**,** String kalkis\_saati**,** int satici\_id**)** **{**  **this.**bilet\_id **=** bilet\_id**;**  **this.**kalkis\_tarihi **=** kalkis\_tarihi**;**  **this.**varis\_tarihi **=** varis\_tarihi**;**  **this.**kalkis\_yeri **=** kalkis\_yeri**;**  **this.**varis\_yeri **=** varis\_yeri**;**  **this.**bilet\_fiyat **=** bilet\_fiyat**;**  **this.**kalkis\_saati **=** kalkis\_saati**;**  **this.**satici\_id **=** satici\_id**;**  **}**    public int getBilet\_id**()** **{**  **return** bilet\_id**;**  **}**  public void setBilet\_id**(**int bilet\_id**)** **{**  **this.**bilet\_id **=** bilet\_id**;**  **}**  public String getKalkis\_tarihi**()** **{**  **return** kalkis\_tarihi**;**  **}**  public void setKalkis\_tarihi**(**String kalkis\_tarihi**)** **{**  **this.**kalkis\_tarihi **=** kalkis\_tarihi**;**  **}**  public String getVaris\_tarihi**()** **{**  **return** varis\_tarihi**;**  **}**  public void setVaris\_tarihi**(**String varis\_tarihi**)** **{**  **this.**varis\_tarihi **=** varis\_tarihi**;**  **}**  public String getKalkis\_yeri**()** **{**  **return** kalkis\_yeri**;**  **}**  public void setKalkis\_yeri**(**String kalkis\_yeri**)** **{**  **this.**kalkis\_yeri **=** kalkis\_yeri**;**  **}**  public String getVaris\_yeri**()** **{**  **return** varis\_yeri**;**  **}**  public void setVaris\_yeri**(**String varis\_yeri**)** **{**  **this.**varis\_yeri **=** varis\_yeri**;**  **}**  public String getBilet\_fiyat**()** **{**  **return** bilet\_fiyat**;**  **}**  public void setBilet\_fiyat**(**String bilet\_fiyat**)** **{**  **this.**bilet\_fiyat **=** bilet\_fiyat**;**  **}**  public String getKalkis\_saati**()** **{**  **return** kalkis\_saati**;**  **}**  public void setKalkis\_saati**(**String kalkis\_saati**)** **{**  **this.**kalkis\_saati **=** kalkis\_saati**;**  **}**  public int getSatici\_id**()** **{**  **return** satici\_id**;**  **}**  public void setSatici\_id**(**int satici\_id**)** **{**  **this.**satici\_id **=** satici\_id**;**  **}**      **}**  **Musteri**  package entity**;**  /\*\*  \*  \* **@author** hp  \*/  public class Musteri **{**  private int musteri\_id**;**  private String musteri\_adi\_soyadi**;**  private String musteri\_tel**;**  private String musteri\_adres**;**  private String musteri\_sifre**;**  public Musteri**()** **{**  **}**  public Musteri**(**int musteri\_id**,** String musteri\_adi\_soyadi**,** String musteri\_tel**,** String musteri\_adres**,** String musteri\_sifre**)** **{**  **this.**musteri\_id **=** musteri\_id**;**  **this.**musteri\_adi\_soyadi **=** musteri\_adi\_soyadi**;**  **this.**musteri\_tel **=** musteri\_tel**;**  **this.**musteri\_adres **=** musteri\_adres**;**  **this.**musteri\_sifre **=** musteri\_sifre**;**  **}**  public String getMusteri\_adi\_soyadi**()** **{**  **return** musteri\_adi\_soyadi**;**  **}**  public void setMusteri\_adi\_soyadi**(**String musteri\_adi\_soyadi**)** **{**  **this.**musteri\_adi\_soyadi **=** musteri\_adi\_soyadi**;**  **}**    public int getMusteri\_id**()** **{**  **return** musteri\_id**;**  **}**  public void setMusteri\_id**(**int musteri\_id**)** **{**  **this.**musteri\_id **=** musteri\_id**;**  **}**    public String getMusteri\_tel**()** **{**  **return** musteri\_tel**;**  **}**  public void setMusteri\_tel**(**String musteri\_tel**)** **{**  **this.**musteri\_tel **=** musteri\_tel**;**  **}**  public String getMusteri\_adres**()** **{**  **return** musteri\_adres**;**  **}**  public void setMusteri\_adres**(**String musteri\_adres**)** **{**  **this.**musteri\_adres **=** musteri\_adres**;**  **}**  public String getMusteri\_sifre**()** **{**  **return** musteri\_sifre**;**  **}**  public void setMusteri\_sifre**(**String musteri\_sifre**)** **{**  **this.**musteri\_sifre **=** musteri\_sifre**;**  **}**      **}**  **Satici**  package entity**;**  /\*\*  \*  \* **@author** hp  \*/  public class Satici **{**  private int satici\_id**;**  private String satici\_adi\_soyadi**;**  private String satici\_adres**;**  private String satici\_tel**;**  private String satici\_sifre**;**  public Satici**()** **{**  **}**  public Satici**(**int satici\_id**,** String satici\_adi\_soyadi**,** String satici\_adres**,** String satici\_tel**,** String satici\_sifre**)** **{**  **this.**satici\_id **=** satici\_id**;**  **this.**satici\_adi\_soyadi **=** satici\_adi\_soyadi**;**  **this.**satici\_adres **=** satici\_adres**;**  **this.**satici\_tel **=** satici\_tel**;**  **this.**satici\_sifre **=** satici\_sifre**;**  **}**  public String getSatici\_adi\_soyadi**()** **{**  **return** satici\_adi\_soyadi**;**  **}**  public void setSatici\_adi\_soyadi**(**String satici\_adi\_soyadi**)** **{**  **this.**satici\_adi\_soyadi **=** satici\_adi\_soyadi**;**  **}**    public String getSatici\_adres**()** **{**  **return** satici\_adres**;**  **}**  public void setSatici\_adres**(**String satici\_adres**)** **{**  **this.**satici\_adres **=** satici\_adres**;**  **}**  public String getSatici\_tel**()** **{**  **return** satici\_tel**;**  **}**  public void setSatici\_tel**(**String satici\_tel**)** **{**  **this.**satici\_tel **=** satici\_tel**;**  **}**  public String getSatici\_sifre**()** **{**  **return** satici\_sifre**;**  **}**  public void setSatici\_sifre**(**String satici\_sifre**)** **{**  **this.**satici\_sifre **=** satici\_sifre**;**  **}**  public int getSatici\_id**()** **{**  **return** satici\_id**;**  **}**  public void setSatici\_id**(**int satici\_id**)** **{**  **this.**satici\_id **=** satici\_id**;**  **}**  @Override  public String toString**()** **{**  **return** "Satici{" **+** "satici\_id=" **+** satici\_id **+** ", satici\_adi\_soyadi=" **+** satici\_adi\_soyadi **+** ", satici\_adres=" **+** satici\_adres **+** ", satici\_tel=" **+** satici\_tel **+** ", satici\_sifre=" **+** satici\_sifre **+** '}'**;**  **}**  **}** | |